

Herbicidal 4-ureido-thiophene-3 carboxylic acid ester(s) - prep'd. e.g. by reaction of 4-amino-thiophene-3- carboxylic acid ester(s) with isocyanate(s)

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Abstract (Basic): DE 3305866 A

Cpds. of formula (I) are new. In (I) R1=H, 1-10C alkyl, 2-10C alkenyl, 2-10C alkynyl, 1-10C haloalkyl, 2-10C alkoxyalkyl, 2-10C alkylthioalkyl, 3-7C cycloalkyl, phenyl(opt. substn) by or benzyl (opt. substn.); R2=1-10C alkyl, 2-10C alkenyl, 2-10C alkynyl, 8-10C phenylalkyl, 1-10C haloalkyl, 2-10C alkoxyalkyl, 2-10C alkylthioalkyl, 3-7C cycloalkyl, phenyl (opt. substn.) or benzyl (opt. substn.).

USE - As selective herbicides in a wide range of crop plants.

Application may be pre- or post-emergence and is generally at a rate of 0.1-5 kg/ha or more, pref. 0.5-3 kg/ha.

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Title Terms: HERBICIDE; UREIDO; THIOPHENE; CARBOXYLIC; ACID; ESTER; PREPARATION; REACT; AMINO; THIOPHENE; CARBOXYLIC; ACID; ESTER; ISOCYANATE

Derwent Class: C02

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